

## ABSTRACT

A constructive arrangement applied to an integrated thermostatic valve device has a tubular hollowed-out body (1), which allows it to have a chamber (2) and a flange (3) with holes (4) for screws for fixing to the engine housing and having a central opening (5), which 5 determines the mouth of the chamber, alongside which there is a ring-shaped groove (6) for housing a sealing ring (7). An internal projection in the shape of an inverted "Y" (1) has a leg which is cross-shaped (11) and which extends to the level of the mouth of the body, and having on the point of the intersection of the converging part of the "Y" a fixing hole (12) for centralizing the thermostatic valve when it is being assembled. An upside down plate (3) is fixed 10 to the end of the leg of the "Y", between which and the converging parts of the "Y" there is a pressure spring. A pressed metal disc (17) supports the working element (16) of the thermostatic valve, with a central hole through with the terminal (18) moves. A washer (19) is fixed to the end of the temperature sensor for supporting a circular sheet (20) with a central hole through which the terminal of the aforementioned working element passes when it is functioning, and 15 between this sheet (20) and a step formed in the body of the working element there is a conical pressure spring (21).